



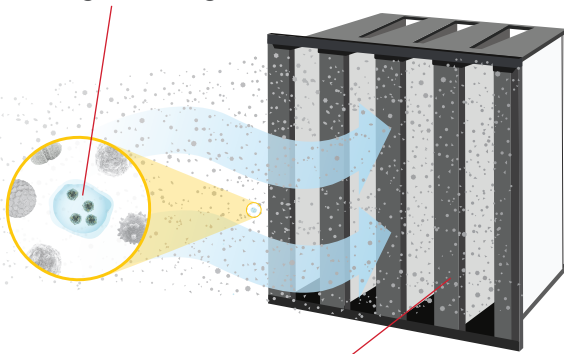
Air Filtration Upgrade

New School Year, New Solutions

The pressure to resume in-person lessons fully is intensifying across campuses nationwide. To support this goal, government relief funds can be used for air filtration upgrades that help mitigate the risk of airborne transmission. In fact, the Centers for Disease and Prevention (CDC) updated [guidance](#) that includes enhancing ventilation and filtration, which helps keep your students, teachers, and staff safe, healthy, and performing at a high level.

Did you know?

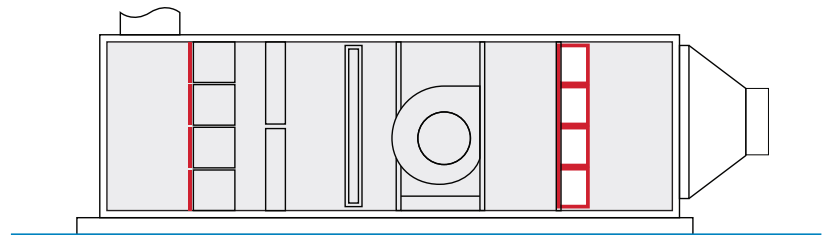
Virus particles can piggyback on larger dust particles or droplets and travel through a building.



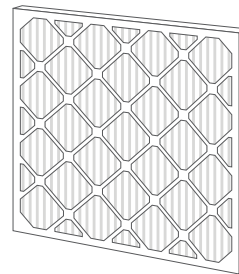
Air filters with a rating of **MERV 16** or higher capture at least 95% of airborne particles between 0.3 and 1.0 microns.

Consider Upgrading

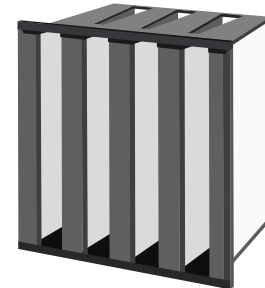
Better prefilters in a 2-stage system can help to extend the life of the secondary filter, allowing for cost-effective upgrades to secondary filters. **MERV 13+** filters have proven effective in capturing fine airborne particles that can carry viruses.



Prefilter
MERV
8 to 13



Secondary Filter
MERV
13 to 15



Air Filtration Solutions

The air filtration products identified below are available now and help maintenance personnel upgrade their protection against virus-carrying particles without replacing or retrofitting current HVAC systems.

For more information on [filtration and disinfection](#), view tips & suggestions from ASHRAE (American Society for Heating, Refrigeration, and Air-Conditioning Engineers).



MEGapleat® M9 **Pleated Filter**

- MERV 9 efficiency
- Longest lasting prefilter
- Sturdiness that protects against possible contamination from filter failure
- Greater dust-holding capacity



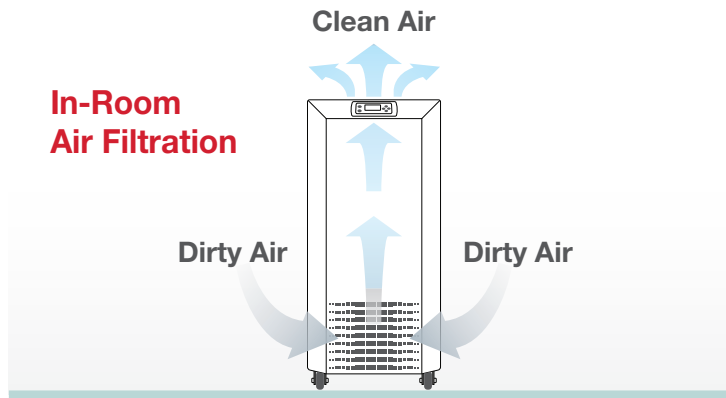
VariCel® VXL **Box Filter**

- Available in MERV 11, 13, 14, or 15 efficiencies
- 50% more media area lowers resistance
- Excellent performance in difficult operating conditions
- Higher overall particle efficiency as compared to similar box filters

Air Filtration Upgrade

Boost In-Room Air Filtration

Upgrading the air filters in your HVAC system helps cleanse air before it is forced into spaces. However, to mitigate the risk of airborne transmission within occupied spaces, a different solution is required. *Portable air purification systems* have shown promise at reducing exposure levels within confined spaces, such as lobbies, "gathering spaces, and most notably, *classrooms*.



Know Which Solution Works for Your Institution

Because the constraints of your system can make it difficult to know how you can best upgrade air filtration, we suggest pairing a complimentary **air filtration audit** with an analysis generated by our **TCO Diagnostic® platform**.

Air Filtration Audit AAF Flanders air filtration experts thoroughly examine your air filtration system and report their findings. Free of charge, they provide you with:

- Documentation of the current state of an air filtration system
- Guidance as to how to reduce energy spending, decrease IAQ risks, and reduce maintenance labor
- Performance data as a benchmark that can be compared against past or future data

TCO Diagnostic® Software This technology platform compares your current air filtration system against other possible configurations, factoring in estimated costs for energy, labor, and air filters. You can use this information to make informed decisions that upgrade filtration efficiency and:

- Minimize energy use
- Optimize labor costs associated with air filtration maintenance
- Identify the configuration with lowest long-term costs

AstroPure™ Portable Air Purification System

- MERV 11 prefilter and HEPA filter with eFRM media technology combine to maximize particle efficiency & energy efficiency
- Unique interactive LCD interface streamlines set-up and ongoing operation
- Integrated PM sensor tracks particulate level reduction in target space
- Model the reduction in airborne particulates using AstroPure with **VisionAir™ IEQ software**



Receive a Free Air Filtration Audit.



Contact an AAF Flanders representative today to discuss this **FREE** assessment, so you can upgrade your air filtration without overtaxing your HVAC system.



AAF | Flanders®
Bringing clean air to life: